

SCHEDULE FOR THE NINETH WORKSHOP ON MINING SCIENTIFIC DATASETS

8:45 – 9:00am Introductory remarks

SESSION 1

9:00 – 9:20am "Distributed Data Mining for Astronomy Catalogs", C. Giannella, H. Dutta, K. Borne, R. Wolff, and H. Kargupta

9:20 – 9:40am "Automatic Signal Enhancement in Particle Physics Using Multivariate Classification and Physical Constraints", R. Vilalta, G. Mutchler, S. Taylor, and B. Knuteson

9:40 – 10:00am "SVM Classification for Predicting Sparse Matrix Solvability with Parameterized Matrix Preconditioners", S. Xu and J. Zhang

10:00 – 10:30am Break

SESSION II

10:30 – 11:30am Keynote: “New and Evolving Opportunities for Mining NASA Earth-Science Data”, Christopher Lynnes, NASA Goddard

11:30 – 11:50am "An L_2 Discrepancy Learning Process with Applications to Outlier and Insider Detections with large High-Dimensional Data", F. El Khettabi

11:50 – 12:10pm "Predicting Breast Cancer Survivability using Data Mining Techniques", A. Bellaachia and E. Guven

12:10pm Adjourn